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ATENT DOCUMENTS								
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20	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
X	Neil Harrison - Discussion Paper - "MPLS OAM Functions and PDU Structures", Oct. 1999							
\$		Neil Harrison - Discussion Paper - "OAM Principles for Layer Networks"						
U98		Bonica et al "ICMP Extensions for MultiProtocol Label Switching", Dec. 1999						
26	مر	Callon et al - "A Framework for Multiprotocol Label Switching", Sept. 1999						
76	- {	Rosin et al "Multiprotocol Label Switching Architecture", Aug. 1999						
088	LaFaucheur et al "MPLS Support of Differentiated Services", Mar. 2000							
X	Brin et al "Per Hop Behavior Identification Codes", Oct. 1999							
8		Krishnaswamy et al"MPLS Control Plane for Switched Optical Networks", Feb. 2000						
H	i	C. 1: 2 Th. A						
**	Yahong - "A Probe Method in MPLS Loop Avoidance", Dec. 1999							
Dub LI LATE Callouret at - "A Framework for Multiprotocol Label Switching" Sept. 1999								
Rosen et al "Multiprotocol Label Switching Architecture", Aug. 1999								
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0	1	OTHER DOCUME	NTS (Including	; Autl	hor, Title, Date, Per	tinent Page	es, Etc.)		
(Y)	<u> </u>	Nagami, et al "VCID	Notification Ov	rer A	TM Link For LDP",	July 1999	-		
90	o.	Ashwood-Smith et al "Improving Topology Data Base Accuracy With LSP Feedback Via CR-LDP", Feb. 2000							
26	"	Wright et al "CR-LDP Extensions for Interworking With RSVP-TE", Mar. 2000							
PUPLICA	E	Yahong - "A Probe Method In MPLS Loop Avoidance", Dec. 1999							
DUPUL	PT B	Bonica, et al - "ICMP E	xtensions For N	/Tultif	Protocol Label Switt	ching", De	c. 1999		
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PATENT APPLICATION Serial No. 09/589,466

Patent and Trademark Office CITATION Sheet 1 of 1 Applicant(s): Samson Boodaghiang Filing Date: June 7, 2000 Filing Date: June 7, 2000 Croup: The MM/DD/YY Subclass Filing Date: June 7, 2000 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 OCTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", Andersson et al., "LDP Specification", October 1999 DUPLICATE Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 DAPULATE Ronica et al., "LDP State Machine", January 2000 DAPULATE Ronica et al., "LDP State Machine", January 2000 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DUPLICATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DUPLICATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999						A TRAULY			
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "ICMP Extensions for Multiprotocol Label Switching", December 1999 DIPULATE Brim et al., "Per Hop Behavior Identification Codes", October 1999 DIPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 Dipulate Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	l	USPTO Form 1449 U.S. Department of Commerce Attorney Docket No. Serial No.							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 MPULATE Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Romica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	Patent and Trademark Office 3493.85735 09/589,466								
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 MPULATE Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Romica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	INFORMATION DISCLOSURE								
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 MPULATE Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Ronica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999				0			Sheet 1 of 1		
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Ronica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999			- D	ghians	Applicant(s): Samson Booda				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Ronica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	2726	2	0	3					
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Boscher et al., "LDP State Machine", January 2000 DAPULATE Ronica et al., "Per Hop Behavior Identification Codes", October 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 DAPULATE Callon et al., "A Framework for Multiprotocol Label Switching", September 1999		Group: TBA	9	Ø,	Filing Date: June 7, 2000				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Duff Late Ronica et al., "LDP State Machine", January 2000 Duff Late Ronica et al., "Per Hop Behavior Identification Codes", October 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	\dashv	-	<u> </u>	7	1				
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Duff Late Ronica et al., "LDP State Machine", January 2000 Duff Late Ronica et al., "Per Hop Behavior Identification Codes", October 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999		Filing Date	Subclass	Class	Name		Patent No.		Examiner
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Neil Harrison — Discussion Paper — "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison — Discussion Paper — "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Duff Late Ronica et al., "LDP State Machine", January 2000 Duff Late Ronica et al., "Per Hop Behavior Identification Codes", October 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999 Duff Late Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	ite)	(if appropriat				MM/DD/YY			Initial
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Neil Harrison – Discussion Paper – "MPLS OAM Functions and PDU Structured", October 1999 Neil Harrison – Discussion Paper – "OAM Principles for Layer Networks" Andersson et al., "LDP Specification", October 1999 Andersson et al., "MPLS Capability Set", October 1999 Ashwood-Smith et al., "Improving Topology Data Base Accuracy with LSP Feedback Via CR-LDP", February 2000 Awduche et al., "RSVP-TE: Extensions to RSVP for LSP-Tunnels", February 2000 Awduche et al., "Applicability Statement for Extensions to RSVP for LSP-Tunnels", April 2000 Dufful United Bonica et al., "ICMP Extensions for Multiprotocol Label Switching", December 1999 Boscher et al., "LDP State Machine", January 2000 Dufful Brim et al., "Per Hop Behavior Identification Codes", October 1999 Dufful Callon et al., "A Framework for Multiprotocol Label Switching", September 1999							L	1011	1)1154
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DUPULA Callon et al., "A Framework for Multiprotocol Label Switching", September 1999	Diffu of al., "Per Hop Behavior Identification Codes", October 1999								
	DUPULA Callon et al., "A Framework for Multiprotocol Label Switching", September 1999								
Dupur And Edyk et al., "Metries and Resource Classes for Traffic Engineering", October 1999-									
Multipon, "The Management of MPLS", March 2000									
NPLICATE Krishnaswamy et al., "MPLS Control Plane for Switched Optical Networks", Februar									
Lang, et al., "Extensions to RSVP for Optical Networking", March 2000									
Lang et al., "Link Management Protocol (LMP)", March 2000 EXAMINER DATE CONSIDERED	^		MSIDEDED			ivianagement Pro	Lang et al., "Link	<u>`</u>	1
EXAMINER DATE CONSIDERED		^ 7	NASIDEKED	DATEC	767 1	l.	$\Omega L = 0$	R	EXAMINE
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PATENT APPLICATION Serial No. 09/589,466

USPTO Form 1449	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.	Serial No.				
INFO	ORMATION DISCLOSURE	3493.85735	09/589,466				
	CITATION						
	Sheet 1 of 1						
Applicant(s): Samson Boodaghians							
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
- DUPLICAT	Le Faucheur et al., "MPLS Support	of Differentiated Services", N	viarch 2000				
Martini et al., "Transport of Layer 2 Frames over MPLS", December 1999							
DUPLICA Regami et al. "VCID Notification over ATM Link for LDP", July 1999							
DUPLICATION Date et al., "MPLS Loop Prevention Mechanism", October 1999							
DUPLICATEOSOn et al., "Multiprotocol Label Switching Architecture", August 1999							
Shew, "Fast Restoration of MPLS Label Switched Paths", October 1999							
DUPLICATI							
Generic Identifier and q.2957 User-to-User Signaling for the Internet Protocol", January 2000							
NO I	* T. Theimer "Requirements for OAl	M Functionality in MPLS", O	ctober 1999				
JUPA CHE	Wright et al., "CR-LDP Extensions						
DUPLICAT	Yahong, "A Probe Method in MPL	S Loop Advance" December	1999				
EXAMINER	Bosko	Bale	considered exto3				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							
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